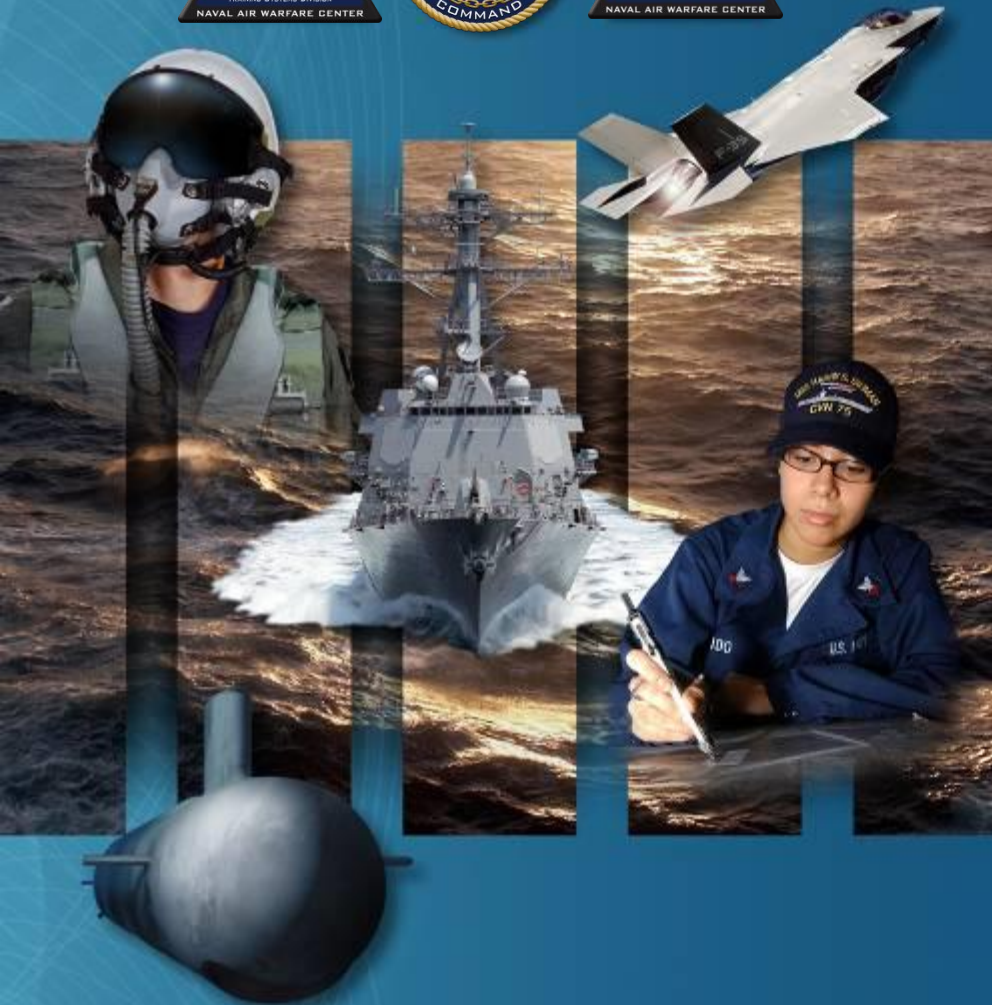


# NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION ORLANDO FLORIDA



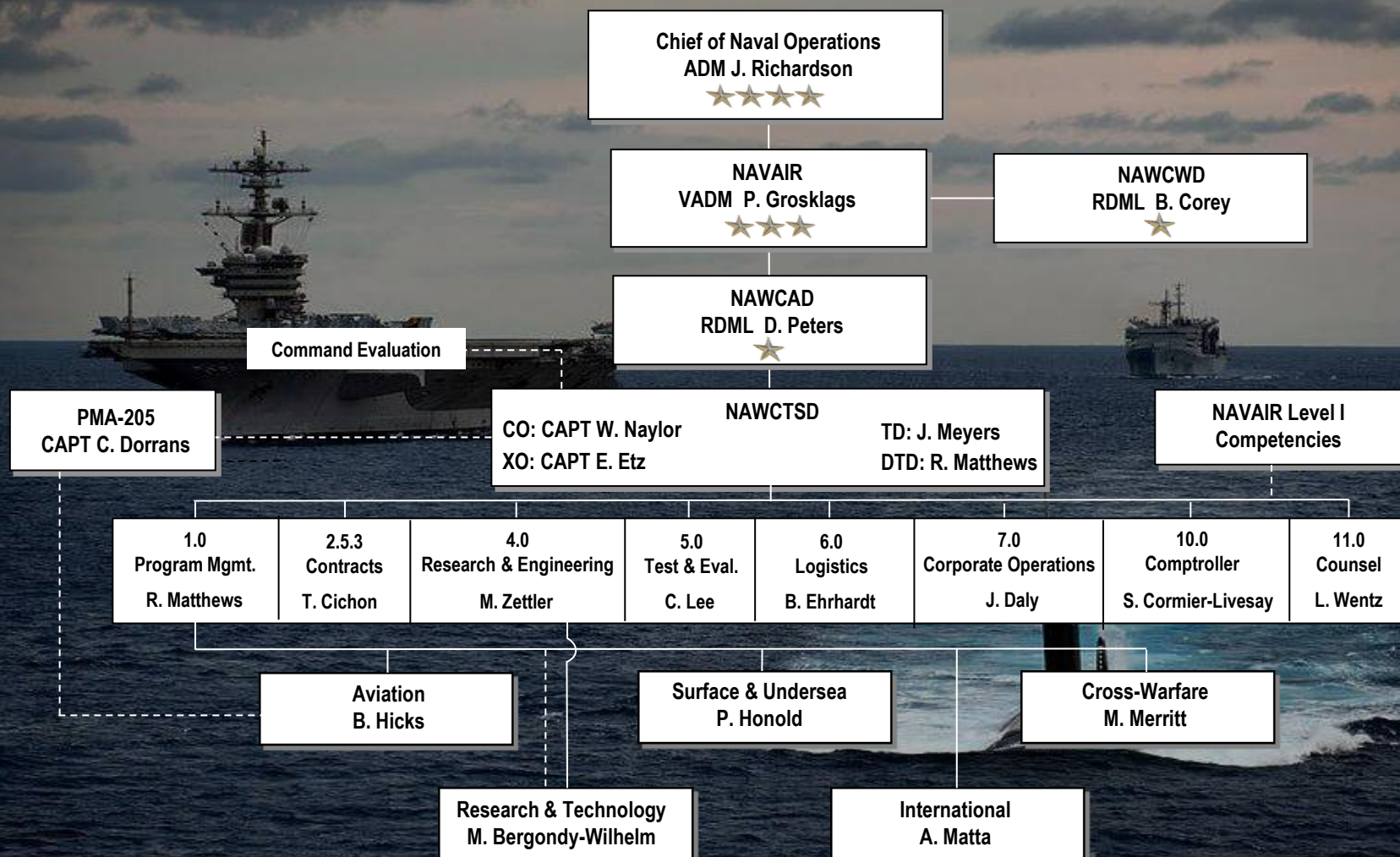
**Program Directorate,  
Cross-Warfare (PDX)**

**Industry Small Business  
Forum  
8 Mar 2016**

**Mike Merritt  
Director PDX**

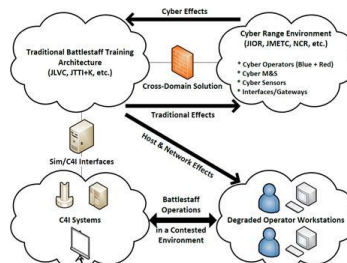
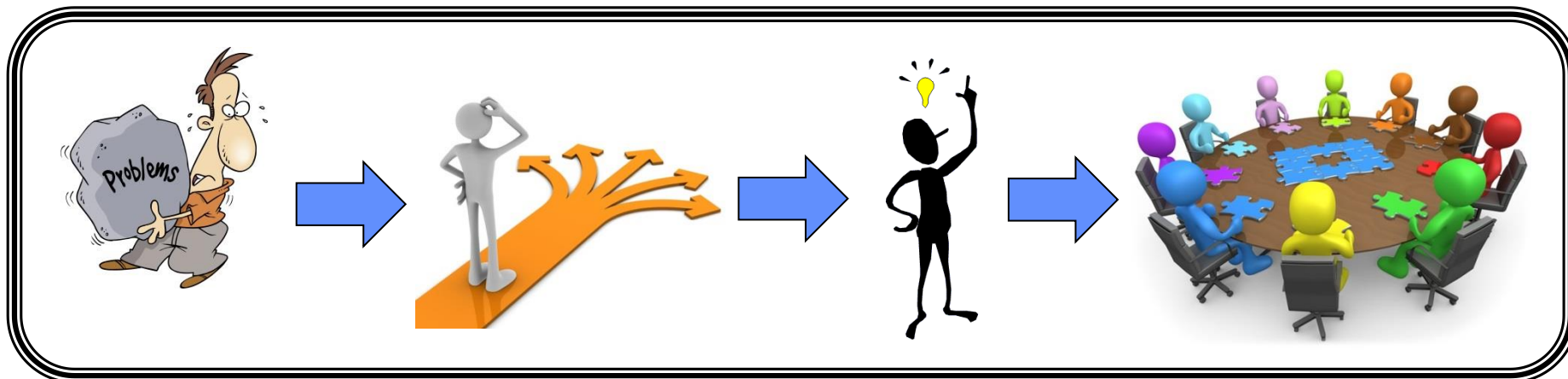


# Command Relationship



**NAWCTSD is a Naval Air Warfare Center**  
**We Support “Big” Navy and non-Navy Training requirements**

# Warfare Programs



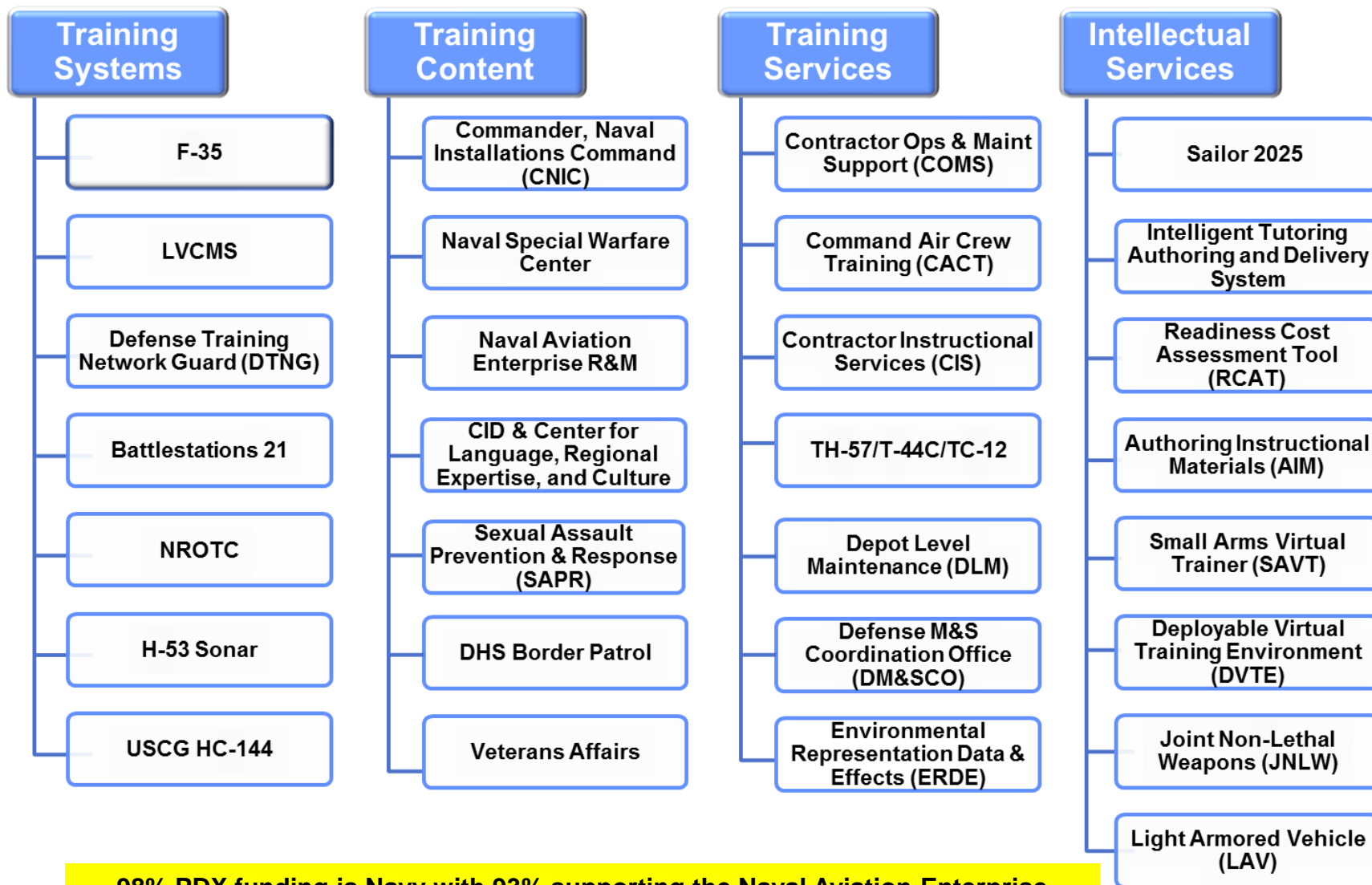
Cyber Operational Architecture Training System (COATS)



**Low Dollar, High Impact Programs – Studies, START, Demonstrations and Products**



# Cross-Warfare Programs



98% PDX funding is Navy with 93% supporting the Naval Aviation Enterprise  
Many small programs, multiple customers, all training product lines



# Fielded Training Systems Support



- FTSS programs are typically fleet OMN funded, competitively awarded service contracts
  - Contractor Operation and Maintenance Services (COMS)
    - Simulator operations and maintenance, facility access control, custodial services
  - Contractor Instructional Services (CIS)
    - On-site personnel for instructor led training
  - Command Aircraft Crew Training (CACT)
    - Commercial Aircraft training at contractor sites
  - ~\$160M OMN per Year / 38 active contracts



E-6B Aircrew Trainer



Contractor Instructional Services



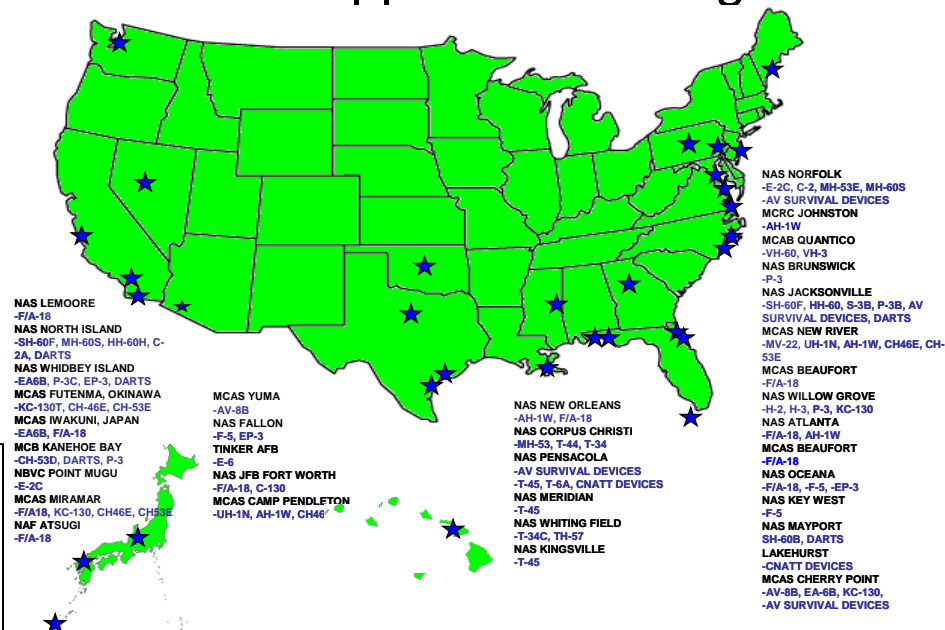
UC-12B Command Aircraft Crew Training (CACT)

C-40 Aircraft (CACT)

## FTSS IV, ID/IQ MAC, \$1.75B Ceiling

- Currently in source selection, award projected March-June 2016
- Highly Successful NAVAIR Legal & DPAP Reviews
- DAU Services Acquisition Workshop (> \$1B threshold)
  - Using the FTSS IV PWS as sample for other commands

## Fleet Supported Training Sites



**900 training devices / 24 aircraft type-model series / 29 sites**  
**Courseware support for 17 type-model series at 11 sites**

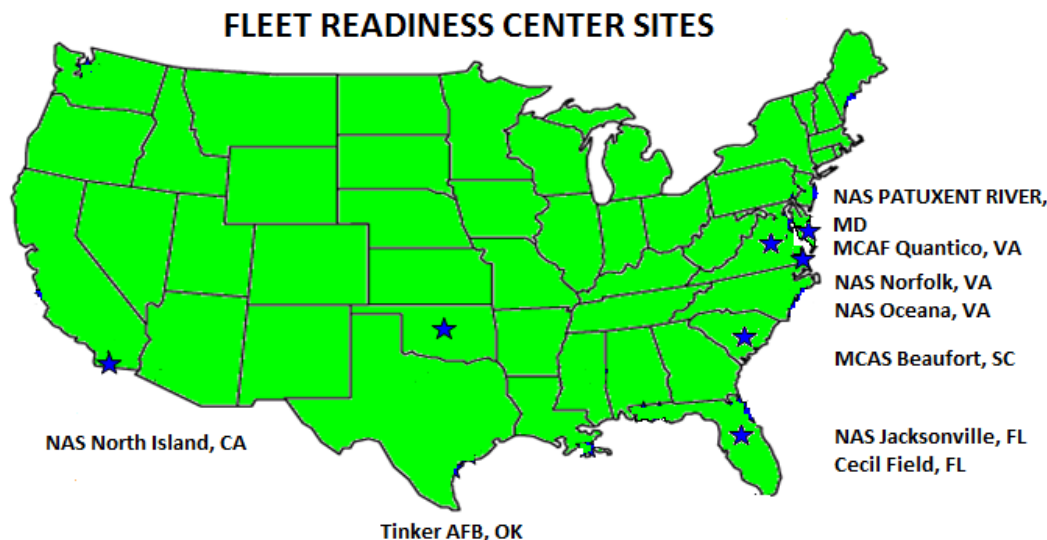


# Depot Level Maintenance (DLM)



**DLM programs are typically fleet OMN or APN funded, competitively awarded service contracts**

- NAWCTSD provides contract administration to various NAVAIR customers and several Fleet Readiness Centers who provide vital services in performance of Depot Level Maintenance (DLM), Engineering, and Logistical support.
- Services are performed for Navy, Marine Corps, and partner nations aircraft, aircraft engines and associated components/ materials, involving the rework of existing aviation end items, systems and components and the manufacture of items and component parts that are otherwise not available.
- The services also include modernization, conversion, in-service repair, disassembly, and all other categories of aircraft DLM. The types of aircraft and associated aircraft components requiring maintenance include EA-6B, E-6B, F/A-18, F-5, H-1, H-53, H-60, P-3, E-2, C-2, S-3, T-6, T-34, T-44 and T-45.

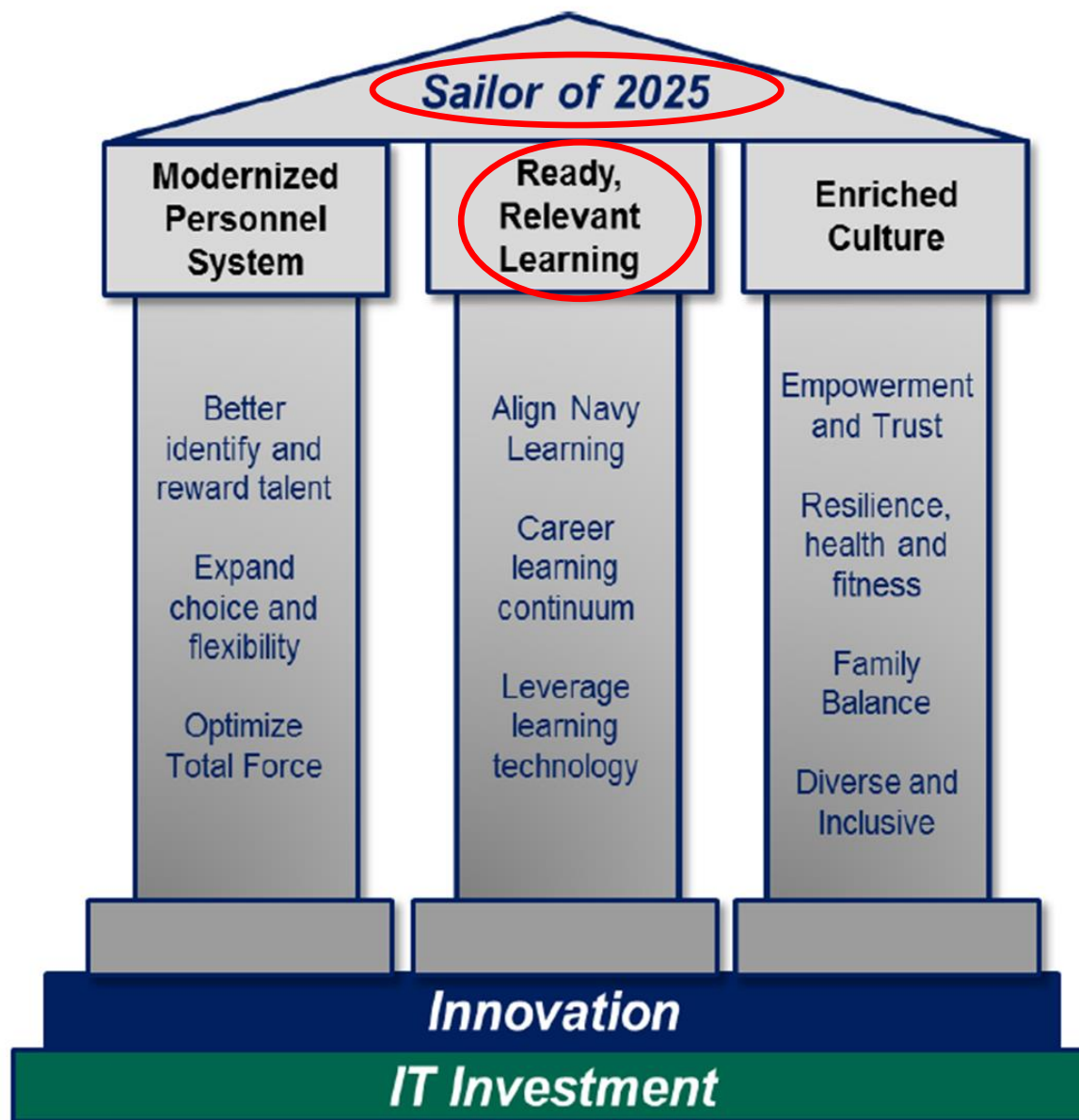


- 12 Contracts
- >\$370M value

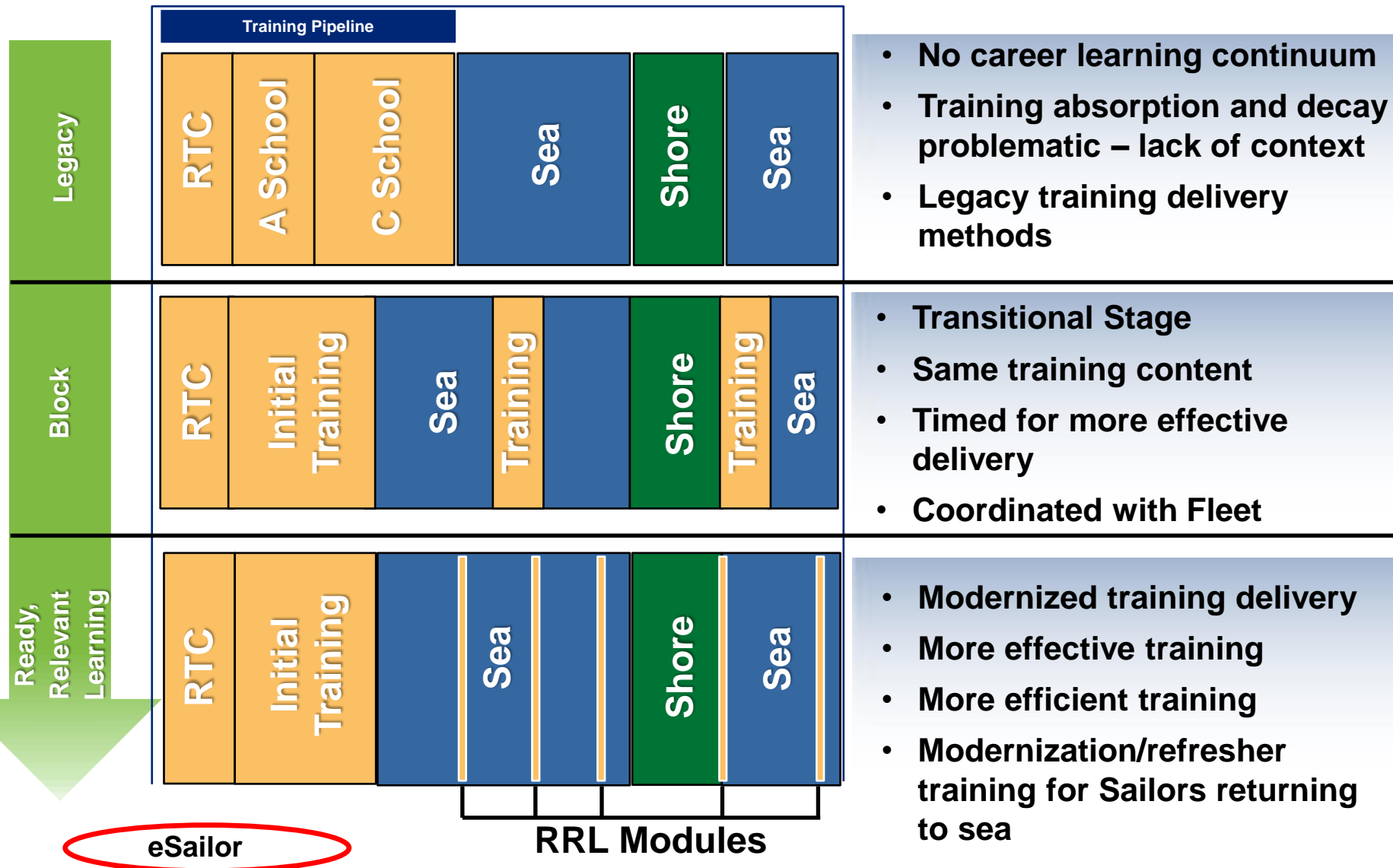
**Mostly Competitive CPFF/FFP Based Services Contracts To Augment Government Artisans**



# 21<sup>st</sup> Century Talent Management



# Ready Relevant Learning Transition Concept



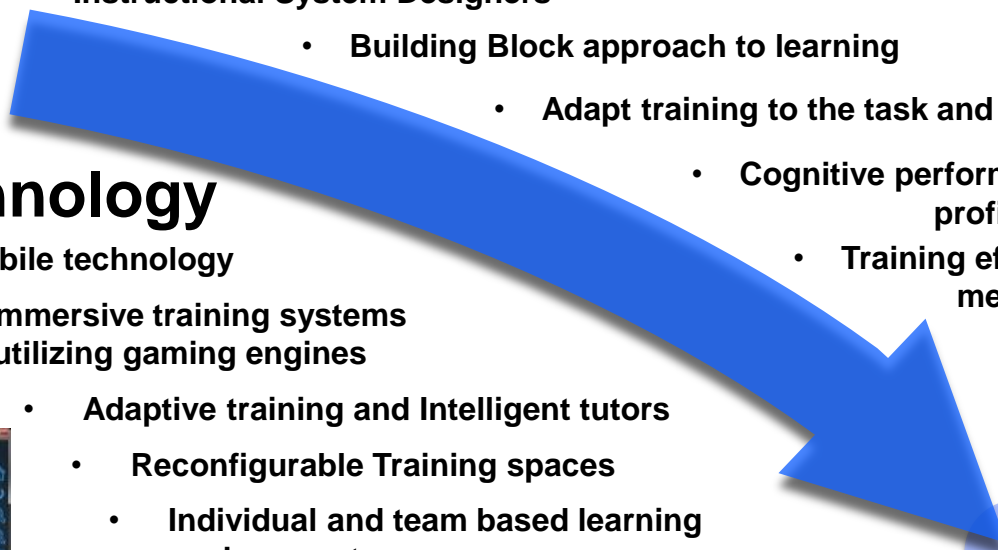


# Content Reengineering



## Science of Learning

- Psychologists and Instructional System Designers
  - Building Block approach to learning
  - Adapt training to the task and the individual
  - Cognitive performance / knowledge / proficiency
  - Training effectiveness measuring methodologies



**Ready  
Relevant  
Learning**

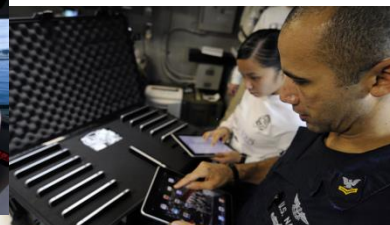
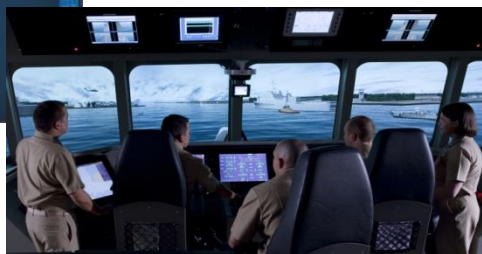


Technology  
20 years ago  
Static Content

Same experience for all  
Tied to local networks

## Advances in Technology

- Mobile technology
- Immersive training systems utilizing gaming engines
  - Adaptive training and Intelligent tutors
  - Reconfigurable Training spaces
  - Individual and team based learning environments



**Science of Learning together with advances in technology  
deliver Ready Relevant Learning**



# Summary



- NAWCTSD is a “Warfare” Center
  - Programs of Record provide tasking with funding for services and products
- Large number of programs, wide range of customers
- Direct impact to day-to-day Fleet operations
- Support some very large programs and also manage small but “high impact” programs

**PDX Provides “full up” IPTs**  
**Deliver products and services across the acquisition spectrum**